

EXTRACTION PROCEDURE TOXICITY TEST METHOD AND STRUCTURAL INTEGRITY TEST EPA METHOD 1310B					
Facility Name: _____ VELAP ID _____					
Assessor Name: _____ Analyst Name: _____ Inspection Date _____					
Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
Records Examined:					
Date of Analysis: _____ Date(s) of Sample Preparation: _____ Analyst: _____					
If a sample contained >0.5% solids, was the solid phase ground to pass a 9.5 mm sieve and extracted with DI water that was maintained to a pH of 5 ± 0.2 with Acetic Acid?	2.1				
Were pH meters used accurate to 0.05 pH units?	4.2				
Were filters used demonstrated to not curl, dissolve, shrink, swell, or undergo some other unsuitable change after being used in the method?	4.4.1				
Were filters checked for absorption analyzing filtrate from a standard of known concentration?	4.4.2				
Were samples <b>not</b> preserved?	6.1				
Were weighed 100 g minimum subsamples of samples that contained free liquid filtered under vacuum and the residues weighed to ±0.01 g? (Drying the Residues is not allowed at this point)	7.1-7.5				
Did samples that were suspected to contain less than 0.5% solids have the percent solids of them determined by drying the filter and residue at 80°C until two successive dryings yield the same value?	7.7				
If the samples were determined to have less than 0.5% solids were the residues discarded and the liquids treated the same as the extract?	7.8				
Were solid materials, where the samples contained greater than 0.5% solids, ground and passed through a 9.5 mm sieve?	7.9				
If solid materials could not be passed through a 9.5 mm sieve (when samples contained greater than 0.5% solids), were the solid materials weighed to the nearest 0.01 g and transferred to the extractor?	7.10				
Notes/Comments:					

**EXTRACTION PROCEDURE TOXICITY TEST METHOD AND STRUCTURAL INTEGRITY TEST  
EPA METHOD 1310B**

Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
When samples contained no free liquids, were 100 g subsamples of them subjected to extraction?	7.11				
Were the pHs of the solid materials and water placed in the extractor adjusted to $5.0 \pm 0.2$ by adding 0.50N Acetic Acid? (If the pHs are less than 5.0 no adjustment is made)	7.13				
Did the addition of Acetic Acid never exceed 4 mL of acid per gram of solid?	7.13				
Were pHs meters calibrated according to manufacturers' instructions?	7.13.1				
Were pH adjustment procedures continued for at least 6 hours with periodic pH checking?	7.13.2-3				
Was the amount of water added to the extractor determined by the following equation: $(20 \times \text{Weight of Solid added}) - (16 \times \text{Weight of Solid added}) - \text{mL of Acetic Acid Added}$ ?	7.14				
Was filtration in the extractor stopped when liquid flow stopped?	7.15				
Were blanks performed with each batch?	8.2				
Notes/Comments:					